

Notice of Allowability	Application No.	Applicant(s)	
	09/652,008	KAMIKUBO ET AL.	
	Examiner King Y. Poon	Art Unit 2624	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to amendment filed on 9/13/2004.
2. The allowed claim(s) is/are 1-4.
3. The drawings filed on 31 August 2000 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All
 - b) Some*
 - c) None
 of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____.
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.



1. The following is an examiner's statement of reasons for allowance:

The invention is directed to scanning lenses system for a laser printer.

Claims 1 and 3 identify the uniquely distinct features of "wherein each fθ
satisfied conditions: $0.0 < fa/fd < 0.20$; and $0.75 < fa/fg < 1.20$, where, fa represents a
focal length of the fθ lens in the main scanning direction; fd represents a focal length of
said diffraction lens structure in the main scanning direction; and fg represents a focal
length of said glass lens in the main scanning direction." The closest prior art Kamikubo
(US 6,124,962) and Lizuka (US 6,028,668); teaches a conventional scanning optical
system; either singularly or in combination with other cited reference fails to anticipate
or render the above underlined limitations obvious (when used with other claimed
limitations, also see applicant's persuasive argument filed on 9/13/2004, page 5-11,
response under 37 CFR 1.111).

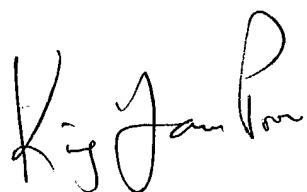
Page 4, lines 7-17, specification of the present invention states that the above
underline configuration would resulted in: a) lateral chromatic aberration is
compensated by the diffraction lens structure; b) color drift of printed images due to
variation of wavelengths of the laser beams for respective color, and due to uneven
distribution of temperature inside the printer can be suppressed, and c) the color images
can be printed accurately.

2. Any comments considered necessary by applicant must be submitted no later
than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to King Y. Poon whose telephone number is (703) 305-0892.

11/23/04



KING Y. POON
PRIMARY EXAMINER